

AMENDMENTS TO THE CLAIMS:

1. (Presently Amended) A method for processing a search request including the steps of:

determining if a search request activates at least one of a set of search rules;

if said search request activates said at least one search rule, then applying said search rule;

setting a set of initial input weight adjustments based on said at least one search rule;

processing a set of at least two inputs each said individual input responsive to a collection of data to a different specific property of a document or page, including at least one property specific to the content of said document or page and at least one characteristic not based on said content or text of said document or page, said set of inputs adjusted by said set of weight adjustments prior to the act of processing, said processing resulting in a set of filtered data results; and

adapting a search engine based on learning, said learning including at least comparing said set of filtered data results to either a set of previously filtered data results or a feedback mechanism,

wherein said adapting step adjusts said set of initial input weight adjustments for processing future search requests based on said at least one search rule.

2. Cancelled.

3. (Unchanged) The method as recited in claim 1, wherein said search request is adapted to activate an alternate search rule in said set of search rules.

4. (Unchanged) The method as recited in claim 1, wherein said search request is adapted to not activate said search rule.

5. (Unchanged) The method as recited in claim 1, wherein said search request is adapted to activate a portion of said search rule.

6. (Presently amended) The method as recited in claim 1, further including the step of loading user data wherein at least a component of said search rule may be activated by said user data.

7. (Unchanged) The method as recited in claim 1, further including the step of accessing external data, wherein said search rule may also be activated or altered by said user data.

Claims 8-29 are cancelled.

30. (Presently Amended) A method for finding a document or page located on a network through a uniform resource locator in which a search engine including executable instructions running on one or more computing devices evaluates data regarding a set of the characteristics ~~for~~ a set of said pages or documents and returns a set of one or more relevant documents in response to a search inquiry ~~consisting~~ including of search terms ~~queries~~, wherein the improvement includes using multiple inputs of a neural network each said input responsive to a different one of said set of characteristics, said neural network ~~to evaluating~~ said data and returning said set of one or more relevant documents, said neural network being virtual and trainable wherein said data inputs are each ~~is~~ weighted prior to processing by said neural network and said weighting is based upon an initial weighting rule or an adjusted weighting rule.

31. (Unchanged) The method as recited in claim 30, wherein fuzzy logic is applied to said neural network at either a low level or high level or both.

32. (Unchanged) The method as recited in claim 30, wherein said neural network is controlled by a set of one or more expert rules either directly or indirectly through fuzzy logic or both.

33. (Unchanged) The method as recited in claim 32, wherein said set of one or more expert rules is activated by user data.

34. (Unchanged) The method as recited in claim 32, wherein said set of one or more expert rules is activated by at least a portion of said search inquiry.


35 (Presently amended). The method as recited in claim 30, wherein said act of training said neural network includes evaluating said set of one or more relevant documents by either comparing said set of one or more relevant documents to a previously returned search result or through a feedback mechanism, and providing an adjusted weighting rule that will change the weight of said set of inputs each responsive to one of said set of characteristics.

REMARKS

The Applicants respectfully assert that claims 1, 3-7, and 30-35 are now in condition for allowance and are fully supported by the specification. Accordingly, a Notice of Allowance is earnestly solicited. If in the opinion of the Examiner a telephone or in-person conference would expedite resolution of the patentability issues in this proceeding, the Examiner is encouraged to call the undersigned at the contacts listed below.

Respectfully submitted,
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